

## **Report of International Conference on Intelligent Machines (ICIMs 19)**

**Date of Conferences**: 15-03-2019-16-03-2019

Collaborative Institutions: Council of Scientific & Industrial Research Indian society for Technical

**Education & Springer** 

Two days International Conference on "Intelligent Machines" (ICIMs 19) was organized by Baba Farid College of Engineering & Technology, Bathinda in technical collaboration with IETE and Springer during 15th-16th March 2019. The International conference was sponsored by Council of Scientific & Industrial Research (CSIR), The Indian Society for Technical Education (ISTE) and Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda The main objective of the conference was to provide international platform to share the new advancements and innovations in the Artificial Intelligence (AI), Robotics and Internet of Things (IoT). The three tracks of the conference covered the latest technologies being used worldwide in the 21st century and Industry 4.0. ICIMs 19 provided a spectrum of opportunity to share new concepts amongst the technologist, industrialists, researchers and students (from research areas of AI, Robotics and IoT).

Prof. Pardeep Kaura, Deputy Director, Academics, Baba Farid group of Institutes (BFGI) welcomed all renowned guests and dignitaries during the inauguration of the conference. Dr. P K Khosla, Executive Director, C-DAC Mohali, India was the chief guest. He shared his ideas on innovation and knowledge clusters and also described the importance of AI which is a mean of perceiving, learning and problem solving. He gave a brief out of various projects going on in CDAC Mohali. He described the importance of different AI algorithms.

In the plenary session, Dr. Valentina E. Balas, Professor, Automation & Applied Informatics, University of Arad, Romania delivered a keynote address. She gave an outstanding talk on quantum computing. Dr. Narendra S. Chaudhary, Professor, IIT Indore shared his views on the IT revolution in the world and he added that India is leading in the field of information technology because of the contribution of young minds. He discussed how IoT has changed our life and also described its importance in health care, agriculture, education and disaster management. Finally he shared how intelligent algorithms can control the robots. Dr. Mamta Mittal, Associate Professor, G B Pant Government Engineering College, New Delhi, another speaker, discussed the present technical education scenario and laid emphasis on providing practical exposure to students rather than concentration on theoretical knowledge.



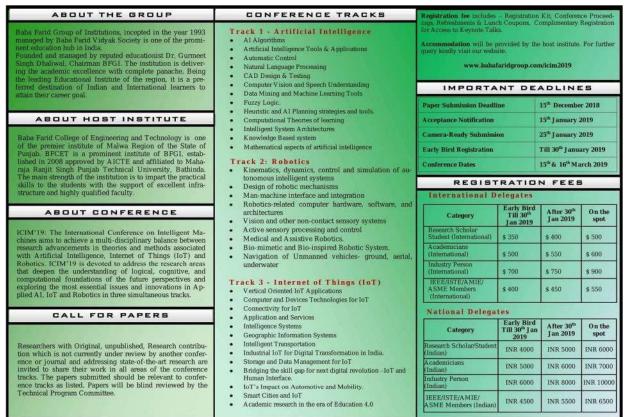


**Glimpse of International Conference on Intelligent Machines** 

Prof. (Dr.) Jasbir Singh Hundal, Registrar MRSPTU, Bathinda was the Chief Guest of the Valedictory Ceremony while Dr. Valentina E. Balas, Professor, Automation & Applied Informatics, University of Arad, Romania was the Guest of Honour. Principal BFCET, Dr. Manish Goyal welcomed all the dignitaries at the valedictory ceremony. He shared that BFGI always believes in imparting core values of technical education and skills by focusing on bridging the gap between knowledge based education to competency based education. He said that BFGI has launched the concept of University 4.0 through which we envisage to shift the focus of teaching-learning from teacher centered to learner centered learning.







**Brochure of International Conference on Intelligent Machines** 



Convener of Conference, Dr. Tejinder Pal Singh Sarao read the report of the conference and congratulated everyone for making it a successful conference. He said that, "We received 296 research papers from within India & abroad out of these 116 papers were selected for presentations. During 2 days the conference witnessed 10 technical sessions. Large number of delegates from IITs, NITs and other esteemed universities and institutions across India participated with full zeal and enthusiasm. He acknowledged the important contributions of all conference participants and thanked all speakers for sparing their time and effort they took to share their expertise with the audience in conference.

Prof. Jasbir Singh Hundal shared that, "I feel glad to be invited by BFGI at this grand event as I like all the efforts made by this institution to stand up on global standards." He congratulated BFCET for organizing such a productive and knowledgeable conference. He shared his views about the importance of research & development. He discussed new areas in which we should research. He stressed that jobs are available but students lack desired skills leading to unemployability. So, educational institutes should work on the track of producing skilled manpower by imparting quality education to them which is directly or indirectly related with research & development. He shared the importance of publications, projects, patents, and citations. He wished & congratulated BFCET for the grand success of the conference.

On this occasion, students of BFCET also organized cultural events for the entertainment of the delegates. Management of BFGI honored the Chief Guest & other dignitaries of the event. Dr. Jayoti Bansal, Vice Principal, BFCET delivered 'Vote of Thanks' & thanked all the dignitaries, participants and the organizing team. Finally the conference winded up by honoring the delegates for spending their precious time and sharing the knowledge and experience with participants. Dr Gurmeet Singh Dhaliwal, Chairman BFGI congratulated the entire Team of BFCET for the successful organization of the international Conference.



# 2-day meet on intelligent machines begins at BFGI

### BATHINDA, MARCH 15

The two-day International Conference on Intelligent Machines' started at the Baba Farid College of Engineering and Technology in collaboration with Springer, a global publishing company, today.

The conference is aimed at a multi-disciplinary balance between research advancements in theories and methods associated with artificial intelligence, internet of things (IoT) and robotics.

Dr PK Khosla, executive director, C-DAC, Mohali, was the chief guest at the inaugural function of the conference while Dr Valentina E Balas. professor. Automation and Applied Informatics, University of Arad Romania, was the guest of honour. The keynote speakers were Dr Narendra Chaudhari, professor (HAG),



Dignitaries during the conference in Bathinda on Friday. TRIBUNE PHOTO

Computer Science and Engineering, IIT, Indore.

Dr Pardeep Kaura, deputy director, academics, BFGI, welcomed all renowned guests and dignitaries to the event and said the BFGI was working aggressively on research and innovation.

He said the aim of the conference was to give a boost to researchers, engineers and practitioners who were interested in theory and applications under artificial intelligence.

Dr Chaudhari shared his views on IT revolution in the world and said India was leading in the field of information technology and discussed about how the IoT has changed our lives. He also discussed challenges and limitations of the IT revolution.

Dr Mamta Mittal, associate professor, GB Panth, Government Engineering College,

gent machines. She also talked about 3 L's - look, listen and learn and motivated researchers to sharpen knowledge, skill and ideas.

During the inaugural function of the conference, a book on 'collection of research papers' of the conference was released by the dignitaries.

Later, the BFGI signed seven MOUs with the University of Arad, Romania, Sportking Industries, Bathinda, Multi-Melt Industries, Rampura Phul, Council of Engineers and Valuers, Jalandhar, Enovation Lab LLP Chandigarh. Elysian Corporation, Mohali, and Stelco Industries Limited. Rampura Phul. Six More MoUs will be signed during the valedictory function of the conference.

Over 20 international and 600 students will be participating in the conference.

Bathinda Cribune Sat, 16 March 2019 https://epaper.tribuneindia.com/c/37647077

# meet on Intelligent Machines ends

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### BATHINDA, MARCH 17

An international conference "Intellgent Machines" organised by Baba Farid College of Engineering & Technology in collaboration with 'Springer', con-BFGI on Sunday. concluded

The conference was sponsored by the CSIR, ISTE and MRSPTU, Bathinda. The aim was to encourage discussion on cutting-edge research and practical applications of Intelligent Machines. The 3 tracks of the conference Artificial Intelligence, Robotics and Internet of Things (IoT) are the latest technologies being used worldwide in the 21st century and Industry 4.0.

Prof (Dr) Jasbir Singh Hundal, dean (R&D) and MRSPTU, registrar. Bathinda, was the chief guest of the valedictory ceremony while Dr Valentina E Balas, professor, Automation & Applied Informatics, University of Arad, Roma-nia, and Dr Mamta Mittal, Associate Professor, GB Pant Government Engineering College, New Del-



Students pose for a photograph after being honoured during the international conference organised by Baba Farid College of Engineering & Technology in Bathinda on Sunday. ТRIBUNE РНОТО

present as the guests of honour.

Chief guest Prof (Dr) Jasbir Singh Hundal said, feel glad to be invited by BFGI at this grand event as I like all the efforts made by this institution to stand up on global standards.'

He there were a number of jobs available in India, but students did not have the skills to match the needs of industry. This is the main

reason behind unemployment. So, educational institutes should work in such a way as to produce skilled manpower by imparting quality education to them which is directly or indirectly related with research and development

Dr Valentina E Balas, proautomation fessor, applied informatics, University of Arad, Romania, gave an outstanding presentation about 'Nano Technology, Fizzy Methodolgy, Artificial Pencreis Quantum Computing.

Dr Mamta Mittal, Associate Professor, GB Pant Government Engineering College, New Delhi, discussed the present technical education scenario and laid emphasis on providing practical exposure to students rather than concentration on theoretical knowledge.

Bathinda Cribune https://epaper.tribuneindia.com/c/37710344

Mon, 18 March 2019